



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the form to this address.

Data Matrix

Date: February 12, 2019	EPA Reg. No./File Symbol: 6836-NEW44	Page 1 of 4
Applicant's/Registrant's Name and Address: Lonza, Inc., 412 Mount Kemble Ave., Suite 200S, Morristown, NJ 07960		Product Name: BCC Technical 2 - Lonza
Ingredients: Basic copper carbonate (BCC) (97.5%)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
GENERIC DATA MATRIX					
SERIES 835: ENVIRONMENTAL FATE TEST GUIDELINES					
835.1220	Leech-out rate from treated wood	46841601	Arch Wood Protection, Inc.	OWN	
835.6200	Aquatic field dissipation	00062074 41189001		OLD	Copper RED 2009
N/A	Copper transport & fate simulation of Estimated Environmental Concentrations	48561401	ACC Copper Task Force	OWN	Member
SERIES 850: ECOLOGICAL EFFECTS TEST GUIDELINES					
850.2100	Avian Acute Oral Toxicity	00067456 00106120		OLD	Copper RED 2009
850.2200	Avian Dietary Toxicity - Quail	00134362		OLD	Copper RED 2009
850.2200	Avian Dietary Toxicity - Duck	00099587		OLD	Copper RED 2009
850.2300	Avian Reproduction - Quail	43338001		OLD	Copper RED 2009
850.2300	Avian Reproduction - Duck	43396301		OLD	Copper RED 2009
850.3020	Honey Bee Acute Contact	40764701 40764702		OLD	Copper RED 2009
850.4250	Vegetative Vigor	00044317 00040559		OLD	Copper RED 2009
850.4400	Aquatic Plant Growth	43363601 43363602 43363603 43363604 43363605		OLD	Copper RED 2009
165-4	Bioaccumulation in fish	00099539		OLD	Copper RED 2009
SERIES 870: HEALTH EFFECTS TEST GUIDELINES					
870.3100	90-Day Feeding - Rodent	00058020 00075116		OLD	Copper RED 2009

Signature: <i>Stephanie H. Stephens</i>	Name and Title: Authorized Representative, Exponent, Inc.	Date: February 12, 2019
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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
870.3200	21-Day Dermal – Rabbit/Rat	44127507		OLD	Copper RED 2009
870.3700	Developmental Toxicity – Rat	44127507 44127506		OLD	Copper RED 2009
870.3700	Developmental Toxicity – Rabbit	46377501 46377502		OLD	Copper RED 2009
870.5140	Gene Mutation (Ames Test)	00085218		OLD	Copper RED 2009
870.7485	General Metabolism	00062085		OLD	Copper RED 2009

SERIES 875: OCCUPATIONAL AND RESIDENTIAL EXPOSURE TEST GUIDELINES

875.1100	Dermal exposure, outdoor		ACC Copper Task Force	OWN	Member
875.1200	Dermal exposure, indoor		ACC Copper Task Force	OWN	Member
875.1300	Inhalation exposure, outdoor		ACC Copper Task Force	OWN	Member
875.1400	Inhalation exposure, indoor		ACC Copper Task Force	OWN	Member
875.1600	Application exposure, occupational	45502101	ACC Copper Task Force	OWN	Member Study: AA990309; AS-01-99

PRODUCT SPECIFIC DATA MATRIX

SERIES 830: PRODUCT PROPERTIES AND PHYSICAL/CHEMICAL PROPERTIES TEST GUIDELINES

830.1550	Product Identity and Composition	48889401 48889402 49077601	Lonza, Inc.	OWN	Lonza-JRF-12-04
830.1600	Materials Used to Produce the Product	48889401 48889402 49077601	Lonza, Inc.	OWN	Lonza-JRF-12-04

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Ingredients: Basic copper carbonate (BCC) (97.5%)		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.1620	Description of Production Process	48889401 48889402 49077601	Lonza, Inc.	OWN	Lonza-JRF-12-04
830.1670	Discussion of Formation of Impurities	48889401 48889402 49077601	Lonza, Inc.	OWN	Lonza-JRF-12-04
830.1700	Preliminary Analysis	48889403 48889404 49077601	Lonza, Inc.	OWN	Lonza 200-12W10BCC
830.1750	Certified Limits	48889401 48889402	Lonza, Inc.	OWN	Lonza-JRF-12-04
830.1800	Enforcement Analytical Method	47156301	Arch Treatment Technologies	OWN	OWNbey2007
830.6302	Color	45587904	Wm. Blythe Ltd.	OLD	Covance 529-3-D2141
830.6303	Physical State	45587904	Wm. Blythe Ltd.	OLD	Covance 529-3-D2141
830.6304	Odor	45587904	Wm. Blythe Ltd.	OLD	Covance 529-3-D2141
830.6314	Oxidizing/Reducing	45587904	Wm. Blythe Ltd.	OLD	Covance 529-3-D2141
830.6315	Flammability				Footnote 1
830.6316	Explosibility				Footnote 2
830.6317	Storage Stability	45605901	Wm. Blythe Ltd.	OLD	SafePharm 453-019
830.6319	Miscibility				Footnote 3
830.6320	Corrosion Characteristics	45605901	Wm. Blythe Ltd.	OLD	SafePharm 453-019
830.6321	Dielectric Breakdown				Footnote 4
830.7000	pH	45587904	Wm. Blythe Ltd.	OLD	Covance 529-3-D2141
830.7050	UV/Visible adsorption	WAIVED			
830.7100	Viscosity				Footnote 5
830.7200	Melting Point / range	45587904	Wm. Blythe Ltd.	OLD	Covance 529-3-D2141
830.7220	Boiling Point				Footnote 5

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Notes
830.7300	Density	45587904	Wm. Blythe Ltd.	OLD	Covance 529-3-D2141
830.7370	Dissociation Constant	WAIVED			
830.7550	Octanol/Water Part. Coeff.	WAIVED			
830.7840	Solubility	45587904	Wm. Blythe Ltd.	OLD	Covance 529-3-D2141
830.7950	Vapor Pressure	WAIVED			
SERIES 870: HEALTH EFFECTS TEST GUIDELINES					
870.1100	Acute Oral Toxicity	45587906	Wm. Blythe Ltd.	OLD	Covance 7180-100
870.1200	Acute Dermal Toxicity	45587907	Wm. Blythe Ltd.	OLD	SafePharm 453-008R
870.2400	Primary Eye Irritation	45587908	Wm. Blythe Ltd.	OLD	SafePharm 453-010R
870.2500	Primary Dermal Irritation	45587909	Wm. Blythe Ltd.	OLD	SafePharm 453-009R
870.2600	Dermal Sensitization	45587910	Wm. Blythe Ltd.	OLD	SafePharm 453-011R

Footnote 1: This product is not expected to be flammable based on the constituents. Therefore, this data requirement is not triggered.

Footnote 2: This product is not expected to be explosive based on the chemical structures of the constituents. Therefore, this data requirement is not triggered.

Footnote 3: The product is an aqueous solution that is not to be mixed/diluted with petroleum solvents. Therefore, this data requirement is not triggered.

Footnote 4: This product is not intended to be used around electrical equipment. Therefore, this data requirement is not triggered.

Footnote 5: This product is not a liquid. Therefore, this data requirement is not triggered.

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